**FIG. 1**

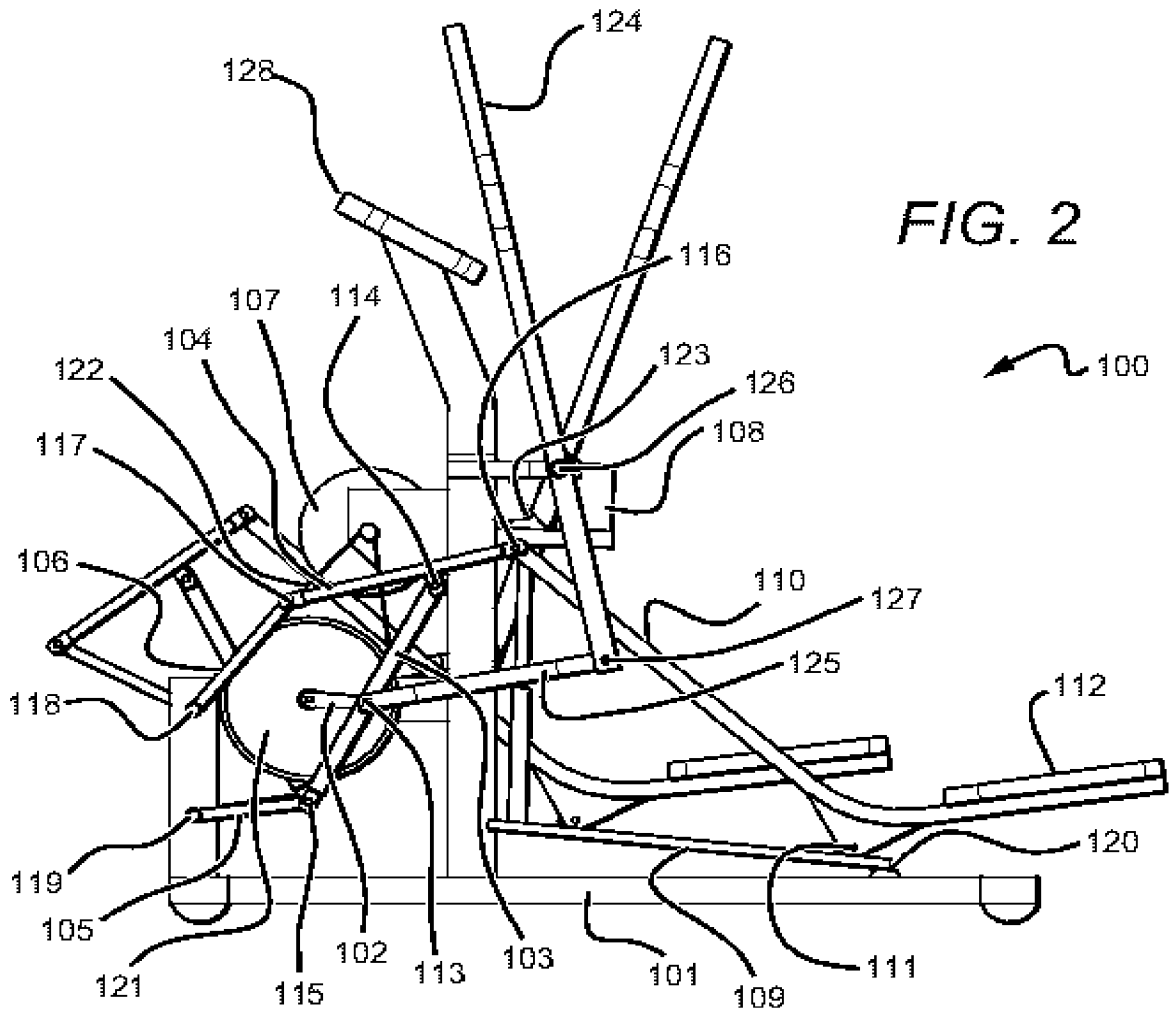
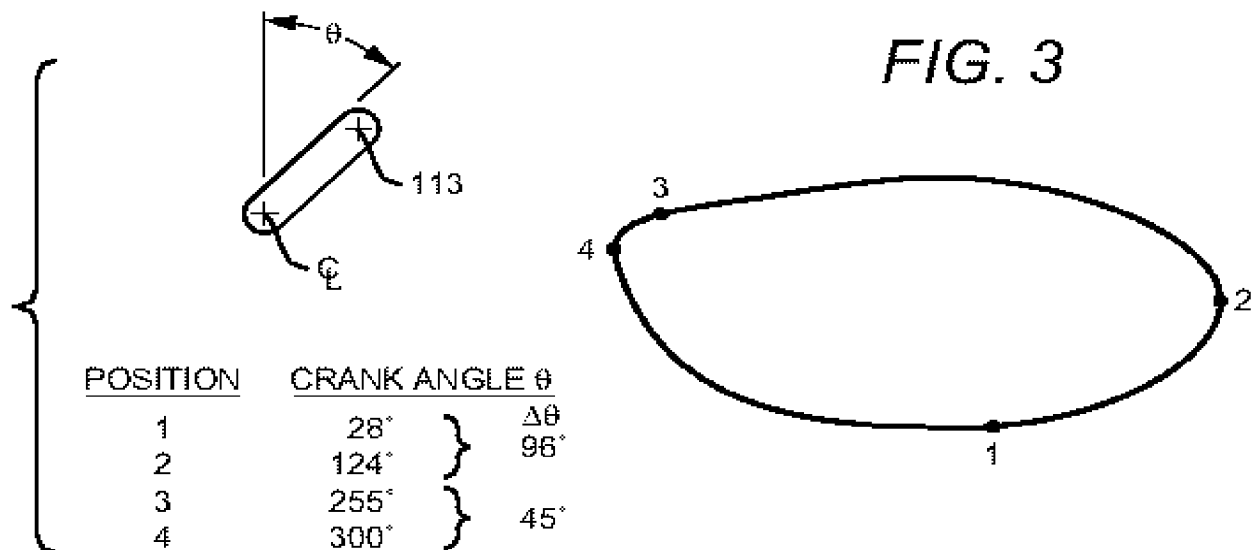
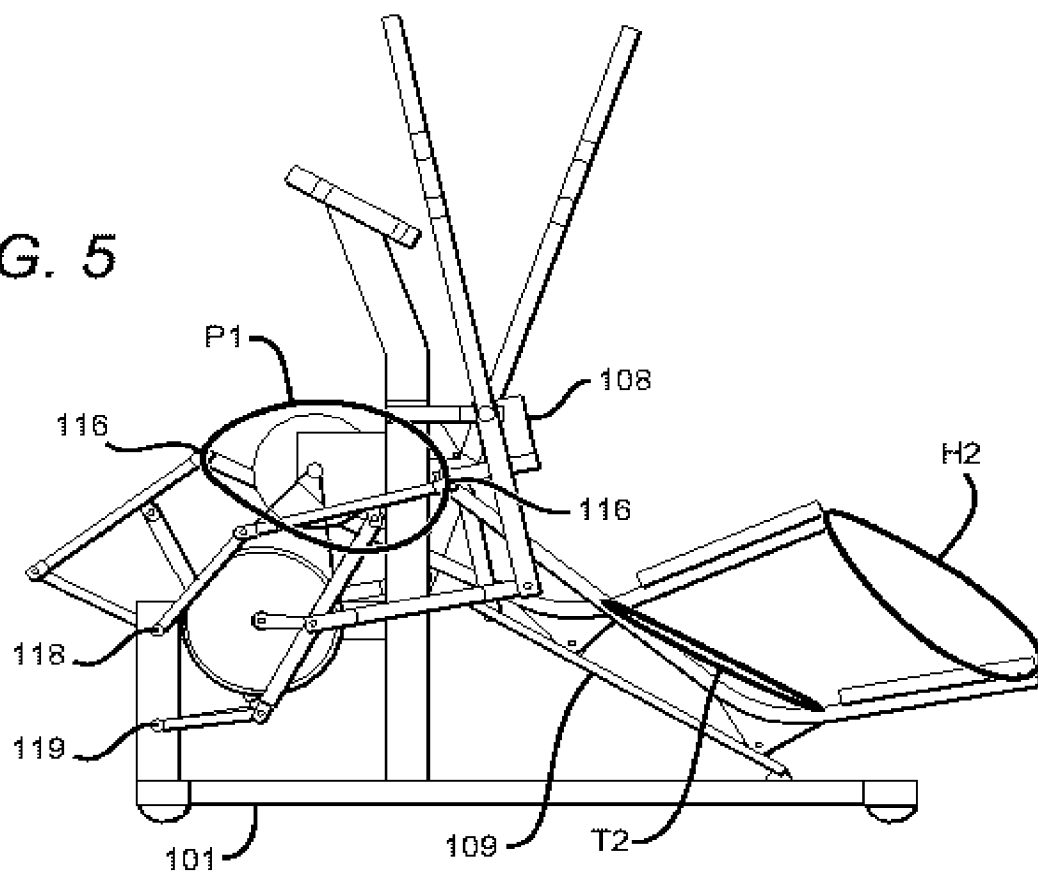


FIG. 3



POSITION	CRANK ANGLE θ		
1	28°	}	$\Delta\theta$
2	124°		96°
3	255°	}	45°
4	300°		



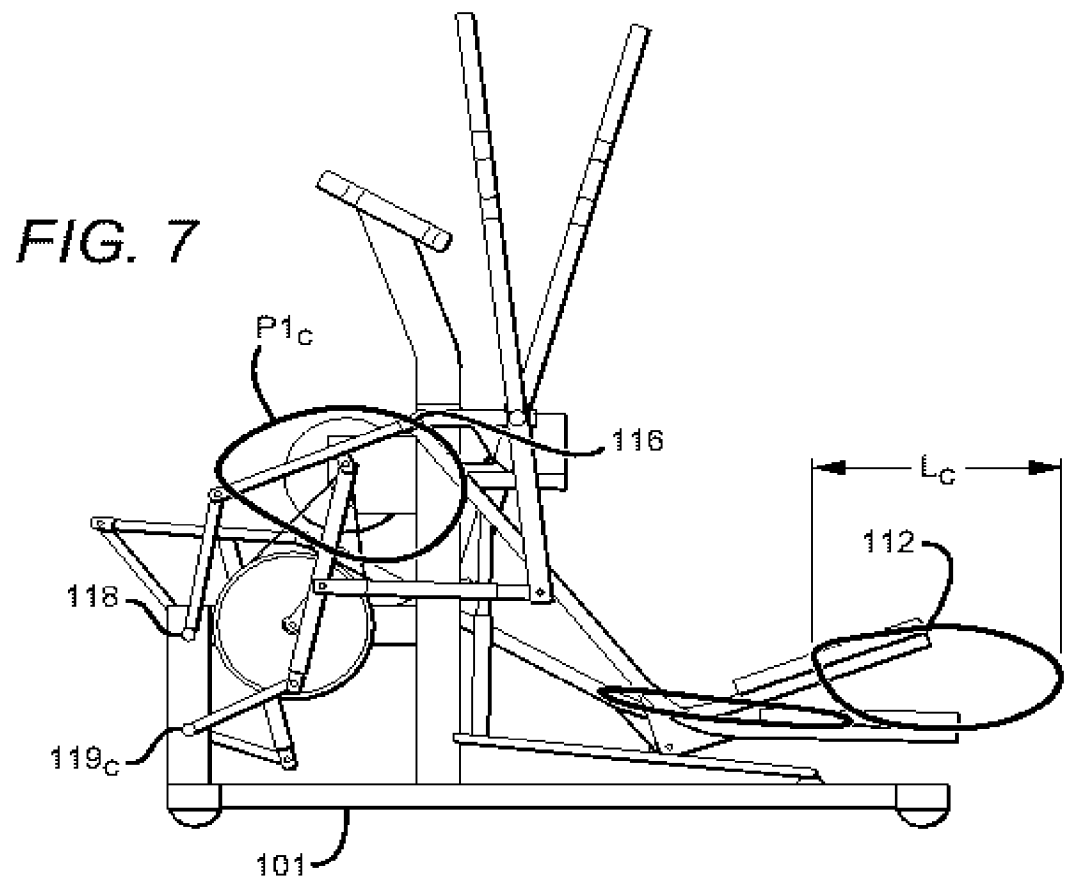
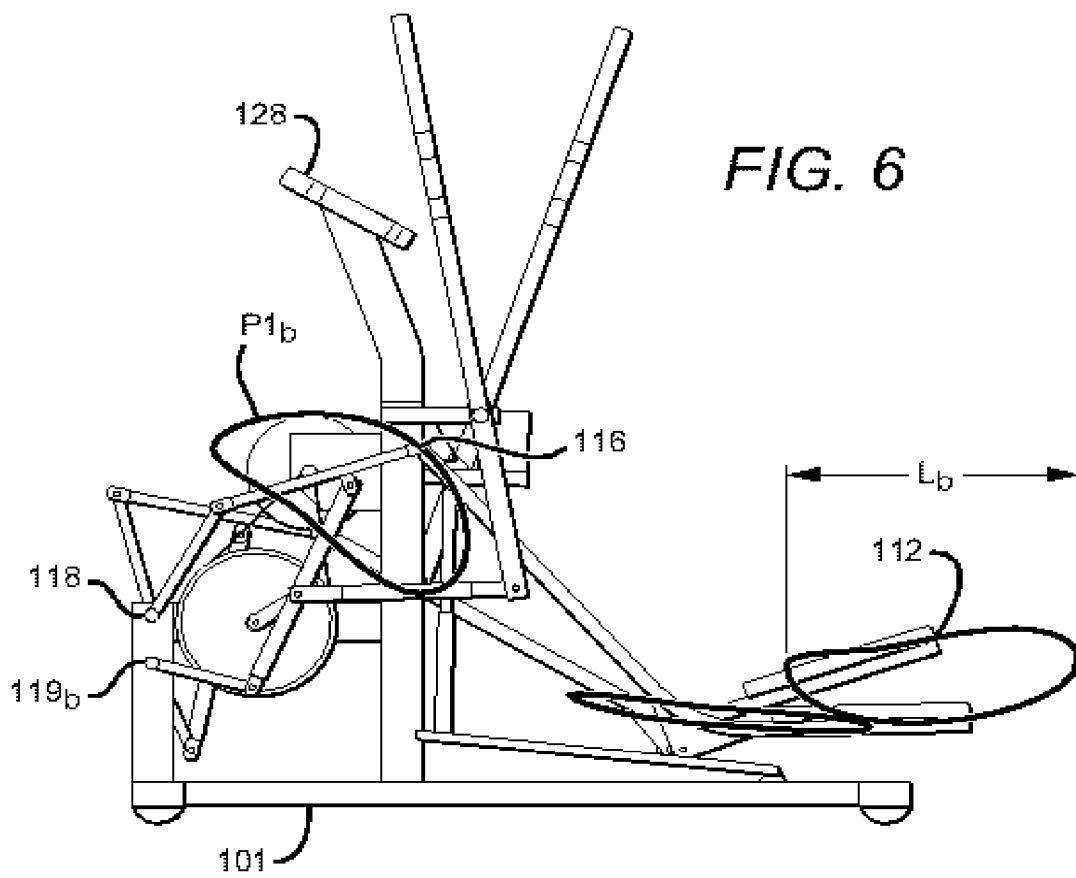


FIG. 8

